

# EUROPEAN PATENT OFFICE

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TITLE : BACLOFEN PHARMACEUTICAL FOR EXTERNAL USE

ABSTRACT : PURPOSE: To obtain a pharmaceutical for external use, containing baclofen, as necessary, with a percutaneous absorption adjuvant or cyclodextrin and capable of exhibiting sustained drug effects without side effects on digestive systems, hallucination, dependence, etc.

CONSTITUTION: A pharmaceutical obtained by containing  $\beta$ -(aminomethyl)-p-chlorohydrocinnamic acid (baclofen) expressed by the formula, as necessary, with a percutaneous absorption adjuvant, e.g. 6-12C alcohol and organic solvent (e.g. lower alcohol or propylene glycol) or cyclodextrin in a base, such as ointment base, solvent or tacky agent. Water-solubility of the baclofen is improved by blending the cyclodextrin and percutaneous absorbability is improved without depositing crystals.

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